

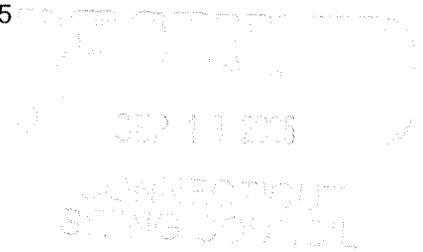


**Northeast
Utilities System**

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Northeast Utilities Service Company
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September 19, 2005



Mr. S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. F-05 - Connecticut Siting Council Review of 2005 Forecasts of Electric Loads and Resources

Dear Mr. Phelps:

This letter provides the response to requests for the information listed below.

With this filing, the Company has completed responding to all of the interrogatories requested during this proceeding.

Response to HD-02 Interrogatories dated 09/06/2005
LF - 004

Very truly yours,

Janet R. Palmer
Manager
Regulatory Policy - CT
NUSCO
As Agent for CL&P

JRP/tms
cc: Service List

SERVICE LIST

Docket: F-05

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The Connecticut Light and Power Company
Docket No. F-05

Late Filed Exhibit HD-02
Dated: 09/06/2005
Q- LF-004
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Witness: Roger C. Zaklukiewicz
Request from: Connecticut Siting Council

Question:

Provide dates and values for CL&P all-time peak hourly integrated demand.

Response:

Please see Table 1, Preliminary CL&P Peak Hourly Integrated Demand for Electric Power. In addition, for reference, see Table 2, Preliminary Connecticut Peak Hourly Integrated Demand for Electric Power, Table 3, Preliminary New England Weekend Daily Peak Hourly Integrated Demand for Electric Power, and Table 4, Preliminary New England Daily Peak Hourly Integrated Demand for Electric Power. In addition, see Graph 1, Southwest Connecticut Loads by the Connecticut Valley Electric Exchange (CONVEX) for July 27, 2005, Graph 2, Waterside Generation including Waterside Substation powerflows on July 27, 2005, and Graph 3, powerflow (MW & MVAR) on the Norwalk Harbor - Northport, Long Island 1385 line on July 27, 2005.

**Preliminary CL&P Peak Hourly Integrated
 Demand for Electric Power**

Preliminary CL&P hourly integrated peak load demand data indicates that CL&P customer demands for electric power exceeded the Company's previous peak demand of 5,183 MWs on July 03, 2002.

Date	Peak Hourly Integrated Demand (MW)
July 27, 2005	5,402* (4.0%)
July 19, 2005	5,290* (2.1%)
July 3, 2002	5,183
August 5, 2005	5,173
August 4, 2005	5,169
August 3, 2005	5,140
August 9, 2001	5,126
July 23, 2002	5,119
August 14, 2002	5,092
July 26, 2005	5,088
June 13, 2005	5,073
August 8, 2001	5,058
June 14, 2005	5,051
August 13, 2002	5,037
August 7, 2001	5,027
August 11, 2005	5,021
August 12, 2005	5,008

* Exceeded previous all time CL&P peak demand for electric power

On two days in 2005, CL&P's peak hourly integrated demand for electric power exceeded the previous peak of 5,183 MWs, experienced on July 03, 2002.

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**Preliminary Connecticut Peak Hourly Integrated
 Demand for Electric Power**

Preliminary Connecticut hourly integrated peak load demand data for the summer 2005 indicates that Connecticut customer demands for electric power exceeded the State's previous peak demand of 6,871 MWs recorded on August 9, 2001. There were five days this summer when the peak hourly integrated demand for electric power exceeded the peak hourly integrated demands for electric power during the summers 2001 through 2004. In 2005, there were sixteen (16) days when Connecticut customer demand for electric power exceeded the integrated peak load demand experienced in 2004 of 6,420 MWs.

Date	Peak Hourly Integrated Demand (MW)
July 27, 2005*	7,135 (3.8%)
July 19, 2005*	7,047 (2.5%)
August 5, 2005*	6,931 (0.8%)
August 3, 2005*	6,900 (0.4%)
August 4, 2005*	6,874
August 9, 2001	6,871
July 3, 2002	6,861
August 8, 2001	6,811
July 26, 2005	6,807
August 11, 2005	6,757
June 14, 2005	6,741
June 13, 2005	6,723
August 7 2001	6,708
August 12, 2005	6,702
August 22, 2003	6,687
July 2, 2002	6,696
August 2, 2005	6,565
July 20, 2005	6,538
August 13, 2005	6,531
July 22, 2005	6,519
August 10, 2005	6,455
July 11, 2005	6,427
August 30, 2004	6,420

* Exceeded previous all time Connecticut integrated hourly peak demand for electric power.

**Preliminary New England Weekend Daily Peak Hourly Integrated
 Demand for Electric Power**

Date	Peak Hourly Integrated Demand (MW)
August 13, 2005	24,058** (12.1%)
August 14, 2005	22,719* (5.9%)
June 26, 2005	22,398* (4.4%)
June 25, 2005	21,950* (2.3%)
August 18, 2002	21,452
August 28, 2004	21,414
August 17, 2002	21,388
June 11, 2005	21,058
August 21, 2005	20,997
June 12, 2005	20,866
January 22, 2005	20,837
August 29, 2004	20,818
July 16, 2005	20,682
July 5, 2003	20,648
January 10, 2004	20,588
January 23, 2005	20,563

**All time New England weekend peak demand for electric power

*Exceeded previous all time New England weekend peak demand for electric power

The four highest weekend demands for electric power occurred in 2005 and seven of the top ten weekend demands for electric power occurred in 2005. Customer demand for electric power on August 13, 2005 surpassed the previous high weekend demand (August 18, 2002) by approximately 12%. During the summers of 2003 and 2004, no weekend hourly integrated demands exceeded those on August 18, 2002.

The weekend peak demand on August 13, 2005 of 24,058 MWs was the thirty-fourth (34th) highest daily peak demand for electric power taking into account both weekdays and weekends.

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**Preliminary New England Daily Peak Hourly Integrated
 Demand for Electric Power**

Date	Peak Hourly Integrated Demand (MW)
July 27, 2005	26,921** (6.2%)
July 19, 2005	26,760* (5.5%)
August 5, 2005	26,002* (2.5%)
July 26, 2005	25,571* (1.0%)
August 14, 2002	25,348
August 11, 2005	25,309
June 13, 2005	25,251
July 20, 2005	25,009
August 9, 2001	24,967
July 22, 2005	24,946
August 13, 2002	24,838
July 3, 2002	24,780
August 10, 2005	24,762
August 3, 2005	24,747
August 22, 2003	24,685
August 15, 2002	24,603
July 23, 2002	24,563
August 4, 2005	24,522

**All time New England peak demand for electric power

*Exceeded previous all time New England peak demand for electric power

On four days this year, New England's daily peak demand for electric power exceeded the previous daily peak of 25,348 MWs, experienced on August 14, 2002. Eight of the ten highest hourly demands for electric power have occurred this year. Between August 1, 2005 and August 14, 2005 the daily peak demand for electric power exceeded 24,500 MWs on five (5) occasions.

09/19/05

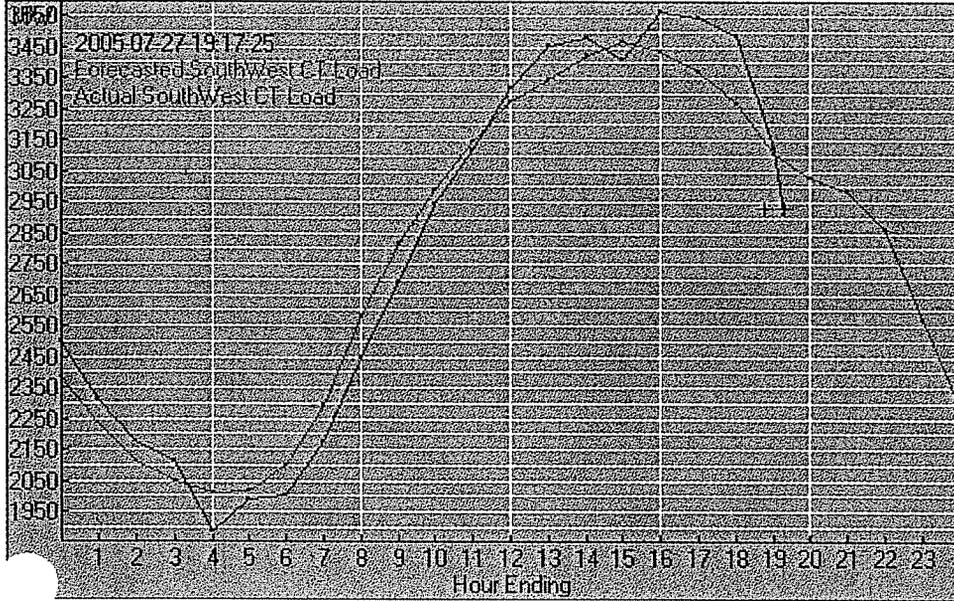


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Today's Southwest CT Loads



Your browser will automatically update the graph every 5 minutes.

Each curve is a plot of the integrated load for the hour ending indicated on the horizontal axis. The right-hand cross-hair is the current 5 minute average. The left-hand cross-hair is the 30 minute average. The combination of the two provide an indication of how the load is changing at this moment.

Other Load Graphs

- [New England Load Graph](#)
- [CONVEX Load Graph](#)
- [Norwalk Stamford Load Graph](#)

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